

Amendment to the Claims:

Before claim 1, please delete the word "Claims" and substitute the following:
What is claimed is:

1. (Currently Amended) A headrest for a patient-bearing surface with a rigid support shell and a cushion releasably connectable with the rest shell, characterized ~~by~~in that the rest shell has an approximately horseshoe-shaped form with a central section (14) for supporting the rear or forehead of a head, which central section has a support surface of approximately spherical shell shape, and with two side sections (16) spaced from one another, the support surfaces of which side sections conform at least approximately to a common cylindrical surface whose axis runs parallel to a line of symmetry (20) of the head support running between the side sections (16) with there being a cheekbone support (18) on each of the side sections (16) which cheekbone support projects in the direction toward the other side section (16).
2. Cancelled.
3. (Currently Amended) The A headrest according to claim 21, ~~further characterized in that~~wherein the rest shell (10) is made of plastic.
4. (Currently Amended) The A headrest according to claim 12 ~~or 3~~, ~~further characterized in that~~wherein the support cushion (12) on its side facing the rest shell (10) carries at least two stick pins (38) designed for insertion into through going bores (40) in the rest shell (10).
5. (Currently Amended) The A headrest according to claim 4, ~~further characterized in that~~wherein the stick pins (36) each have a cylindrical shaft which cylindrical shaft has an elastically resilient band (38) with an external diameter slightly larger than the diameter of said bores.

6. (Currently Amended) ~~The~~A headrest according to ~~one of claims 1 to 5~~
claim 1, further characterized in that wherein it is divided into two mirror
image similar partial supports (50) along its line of symmetry (20).
7. (Currently Amended) ~~The~~A headrest according to ~~one of claims 1 to~~
~~6~~claim 1, further characterized in that wherein the headrest or each partial
rest is connected to a fastening block (42) for holding it to a profiled rail.
8. (Currently Amended) ~~The~~A headrest according to ~~one of claims 1 to 7~~
claim 1, further characterized in that wherein on the outer edge of each
side section (16) is formed an eye (26) for the fastening of a belt (26) for
fixing the head of a patient to the headrest.